

09-131,055

[Handwritten signature]

Atty. Docket No.: 17633/1030

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Joel F. Habener, et al.
Patent No.: 6,866,843
Issued: March 15, 2005
Entitled: Method of Transplanting in a Mammal
and Treating Diabetes Mellitus by
Administering a Pseudo-Islet Like
Aggregate Differentiated From a Nestin-
Positive Pancreatic Stem Cell

Examiner: Bunner, B.
Group Art Unit: 1647
Conf. No.: 9070

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen M. Williams

Name of Person Mailing Paper

[Handwritten signature]
Signature of Person Mailing Paper

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Enclosed for filing the above-identified patent, please find the following documents:

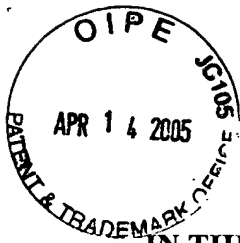
1. Request for Certificate of Correction Under 37 CFR §1.323;
2. Copy of Assignment Recordation;
3. Certificate of Correction (Form PTO-1050); and
4. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 3284/1220. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: 4-11-2005

[Handwritten signature]
Name: Kathleen Williams
Registration No.: 34,380
Customer No.: 29933
Palmer & Dodge LLP
111 Huntington Avenue
Boston, MA 02199-7613
Tel: 617-239-0100



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Kathleen M. Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR §1.323

Enclosed please find a request for a Certificate of Correction under 37 C.F.R. §1.323. The request corrects the name of the Assignee. The Patentee submits that the error was a clerical matter, that the naming of an incorrect Assignee was not intentional. Evidence of the correct Assignee can be found in the attached copy of the Assignment as recorded in this application, on April 13, 2004, at Reel 015202, Frame 0055.

Applicants believe a fee of \$100.00 is due. The Commissioner of Patents is hereby authorized to charge all fees to Deposit Account No. 16-0085, Reference 3284/1220.

Applicants respectfully request entry of the requested Certificate of Correction.

Respectfully submitted,

Date: 4-11-2005

04/15/2005 BABRAHA1 00000001 160085 6866843
01 FC:1811 100.00 DA

Name: Kathleen Williams
Registration No.: 34,380
Customer No.: 29933
Palmer & Dodge LLP
111 Huntington Avenue
Boston, MA 02199-7613
Tel: 617-239-0100

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : **6,866,843**
DATED : **March 15, 2005**
INVENTOR(S) : **Habener et al.**

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(73) Assignee: **The General Hospital Corporation**
Boston, Massachusetts (US)

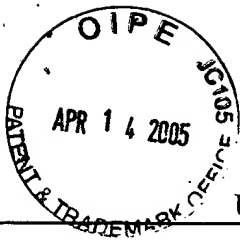
MAILING ADDRESS OF SENDER:**Kathleen M. Williams****Palmer & Dodge, LLP****111 Huntington Avenue****Boston, Massachusetts 02199-7613**

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

PATENT NO. **6,866,843**

No. of additional copies





MMD

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 30, 2004

PTAS



102721941A

PALMER & DODGE LLP
KATHLEEN M. WILLIAMS
111 HUNTINGTON AVENUE
BOSTON, MA 02199

3084/1220

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/13/2004

REEL/FRAME: 015202/0055
NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HABENER, JOEL E. ✓

DOC DATE: 06/26/2003 ✓

ASSIGNOR:

ZULEWSKI, HENRYK ✓

DOC DATE: 06/24/2003 ✓

ASSIGNOR:

ABRAHAM, ELIZABETH J. ✓

DOC DATE: 05/29/2003 ✓

ASSIGNOR:

VALLEJO, MARIO ✓

DOC DATE: 07/02/2003 ✓

ASSIGNOR:

FAUSTMAN, DENISE L. ✓

DOC DATE: 08/12/2003 ✓

ASSIGNOR:

THOMAS, MELISSA K. ✓

DOC DATE: 06/26/2003 ✓

~~ASSIGNEE:~~

GENERAL HOSPITAL CORPORATION
FRUIT STREET
BOSTON, MASSACHUSETTS 02114

SERIAL NUMBER: 09731255 ✓

FILING DATE: 12/06/2000 ✓

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD OF TRANSPLANTING IN A MAMMAL AND TREATING DIABETES MELLITUS
BY ADMINISTERING A PSEUDO-ISLET LIKE AGGREGATE DIFFERENTIATED FROM
A NESTIN-POSITIVE PANCREATIC STEM CELL

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

04-15-2004



To the Honorable Commissioner of Patents

102721941

Use the attached original documents or copy thereof.

1. Name and address of conveying party(ies):

Name: Joel E. HabenerStreet Address: 156 Grant AvenueCity: Newton CentreState: MA ZIP: 02459Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

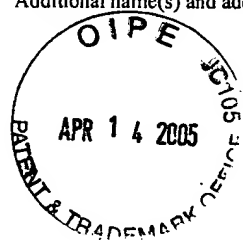
Execution Date: June 26, 2003; June 24, 2003; May 29, 2003; July 2, 2003; August 12, 2003; June 26, 2003

2. Name and address of receiving party(ies):

Name: The General Hospital Corporation

Internal Address: _____

Internal Address: _____

Street Address: Fruit StreetCity: BostonState: MA ZIP: 02114Additional name(s) and address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers:

If being submitted with New Application, execution date of application is:

A. Patent Application No.(s) 09/731,255

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

OPR/FINANCE

APR 13 AM 7:11

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kathleen M. WilliamsInternal Address: Palmer & Dodge LLPStreet Address: 111 Huntington AvenueCity: Boston State: MA ZIP: 021996. Total number of application and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00☒ Enclosed☒ Authorized to charge deficiencies to deposit account8. Deposit account number: 16-0085 Ref. 3284/1220

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kathleen M. Williams

Name of Person Signing

Signature

Elizabeth M. S. Neg #45,123

for Kathleen Williams

Date

4/9/04Total number of pages comprising cover sheet attachment and document: 9

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment and Recordation Services, Commissioner of Patents and Trademarks,

P.O. Box 1450, Alexandria, VA 22313-1450

04/14/2004 MGTACHE 00000035 09731255

01 FC:8021

40.00 OP

Page 2 of FORM PTO-1595

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

U.S. Department of Commerce

Name and address of additional conveying party(ies): IF ANY

Name: Henryk Zulewski
Street Address: Offenburgerstrasse 55
City: CH-4057 Basel
State: Switzerland ZIP:

Name and address of additional conveying party(ies): IF ANY

Name: Elizabeth J. Abraham
Street Address: 119 Utica Street
City: Quincy
State: MA ZIP: 02169

Name and address of additional conveying party(ies): IF ANY

Name: Mario Vallejo
Street Address: Paseo Infanta Isabel 15, 3D
City: 28014, Madrid
State: Spain ZIP:

Name and address of additional conveying party(ies): IF ANY

Name: Denise L. Faustman
Street Address: 74 Pinecroft Road
City: Weston
State: MA ZIP: 02193

Name and address of additional conveying party(ies): IF ANY

Name: Melissa K. Thomas
Street Address: One Longfellow Place, Apt. 2616
City: Boston
State: MA ZIP: 02114

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to: THE GENERAL HOSPITAL CORPORATION, a corporation of the State of Massachusetts, having a principal place of business at Fruit Street, Boston, MA 02114, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

Stem Cells and Their Use in Transplantation

and identified as:

Serial No.: 09/731,255; Filed: December 6, 2000

and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignees, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignees, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignees, its successors and assigns, to the full end of

the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Date: June 26, 2003

Joel E. Habener
Name of Inventor: Joel E. Habener
Address of Inventor: 156 Grant Avenue
Newton Centre, MA 02459

State of Massachusetts

County of Suffolk) ss.
)
)

Subscribed and sworn to before me by the above-named Joel E. Habener
on June 26, 2003.
date

Matthew K. Lenart
Notary Public

My Commission Expires: 11/13/03

(Seal)

Date: _____

Name of Inventor: Henryk H. Zulewski
Address of Inventor: Offenburgerstrasse 55,
CH-4057 Basel, Switzerland

Witnessed by _____

on _____
date

(Seal)

Date: _____

County of _____) ss.
)
)

My Commission Expires: _____

Date:

June 24, 2003

Witnessed by

Jardena Puder

on June 24 2003
date

1. d

Date: 5.29.03

Elizabeth Jacob Abraham
Name of Inventor: Elizabeth J. Abraham
Address of Inventor: 119 Utica Street
Quincy, MA 02169

County of Suffolk) ss.
)
)

Subscribed and sworn to before me by the above-named Elizabeth Jacob Abraham
on 5/29/03 date

Deborah A. Parker
Notary Public

My Commission Expires Deborah A. Parker
September 12, 2008

(Seal)

Date: _____

Name of Inventor: Mario Vallejo
Address of Inventor: Paseo Infanta Isabel 15, 3D,
28014, Madrid, Spain

Witnessed by _____

on _____
date

Date: _____

Name of Inventor: Elizabeth J. Abraham
Address of Inventor: 119 Utica Street
Quincy, MA 02169

County of _____

) ss.
)
)

Subscribed and sworn to before me by the above-named _____
on _____
date

Notary Public

My Commission Expires: _____

(Seal)

Date: July 2, 2003

M. Vallejo
Name of Inventor: Mario Vallejo
Address of Inventor: Paseo Infanta Isabel 15, 3D,
28014, Madrid, Spain

Witnessed by

[Signature]

on 3/7/03
date

Date: 8/12/03

Denise L. Faustman
Name of Inventor: Denise L. Faustman
Address of Inventor: 74 Pincroft Road
Weston, MA 02193

County of Suffolk) ss.
)
)

Subscribed and sworn to before me by the above-named Denise L. Faustman
on August 12, 2003
date

Deborah A. Parker
Notary Public
Deborah A. Parker
My Commission Expires: September 12, 2009

Date: _____

Name of Inventor: Melissa K. Thomas
Address of Inventor: One Longfellow Place
Apt. 2616
Boston, MA 02114

County of _____) ss.
)
)

Subscribed and sworn to before me by the above-named _____
on _____
date

Notary Public
My Commission Expires: _____

Date: _____

Name of Inventor: Denise L. Faustman
Address of Inventor: 74 Pinecroft Road
 Weston, MA 02193

County of _____

) SS.

Subscribed and sworn to before me by the above-named _____

on _____
date

Notary Public

My Commission Expires: _____

Date: 6/26/03

Melissa K. Thomas
Name of Inventor: Melissa K. Thomas
Address of Inventor: One Longfellow Place
Apt. 2616
Boston, MA 02114

✓

State of: Massachusetts

County of Suffolk

) SS.

Subscribed and sworn to before me by the above-named Melissa K. Thomas

on June 26, 2003.
date

Martha K Conant
Notary Public

My Commission Expires: 11/13/03